COATED PARTICLES, METHODS OF MAKING AND USING

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more >>

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Priority number(s): US19970058309P 19970909: WO1998US18639 19980908

Abstract not available for JP 2001506541 (T) Abstract of corresponding document: WO 9912640 (A1)

A coated particle is disclosed that comprises an internal core comprising a matrix and an exterior coating The matrix consists essentially of at least one nanostructured liquid phase, or at least one nanostructured liquid crystalline phase or a combination of the two and the exterior coaling comprising a nonlamellar crystalline material. Methods of making and methods of using the coated particle are disclosed.

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(19)日本国特許庁 (JP)

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A01N	25/28			A012	25/28		
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	47/24				47/24		
B32B	9/02			B32E	9/02		
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平成9年9月9日(1997.9.9) (33)優先維主帯団 米団 (US)

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(72)発明者 アンダーソン、デイビッド・エム アメリカ合衆国ノースカロライナ州27513。 キャリー、クロータン・サークル 103 (74)代理人 弁理士 佐藤 正年 (外1名)

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(54) 【祭明の名称】 被要粒子とその製造法及び使用法

(57) 【要約1

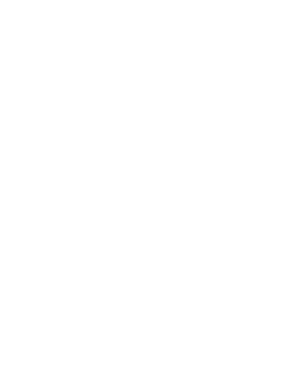
(32) 優先日

マトリックスからなる内部コアと外部被覆とを備えた被 要粒子を減べている。マトリックスは、木質的に少なく とも一つのnmオーダーの無微細胞的の検知、又はやな くとも一つのnmオーダーの複巻組織者の海晶相、若し くはこれら資料の組み合わせからなり、外部被帯は非層 状結晶物質からなっている。この被憂粒子の製造法と使 用法も開示する。

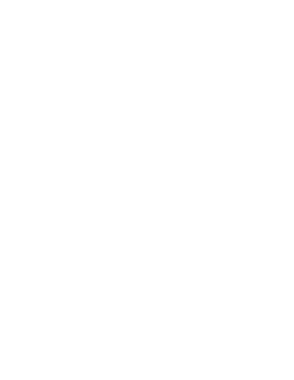




















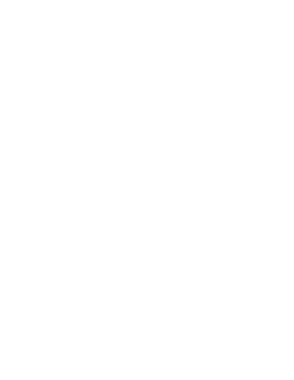








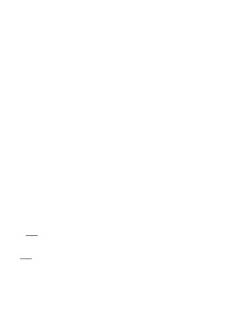


















































































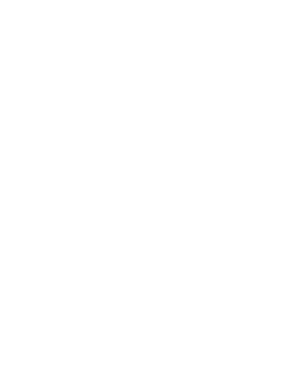














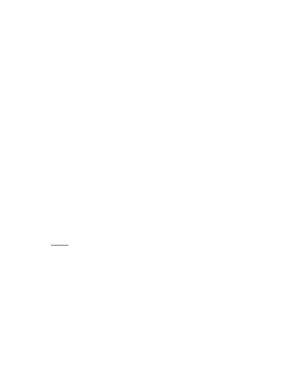
















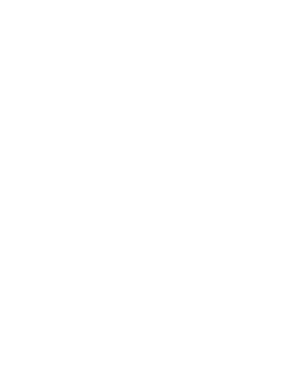








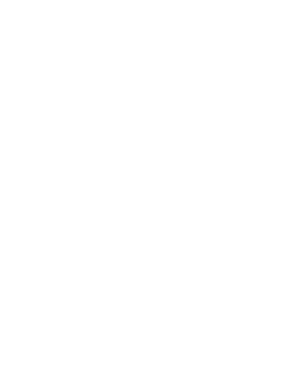






























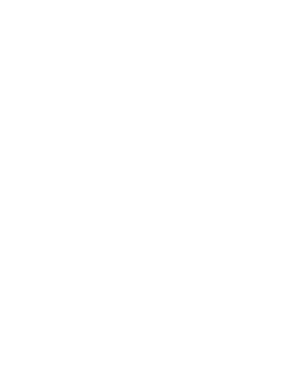




















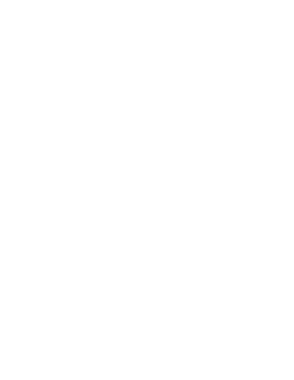








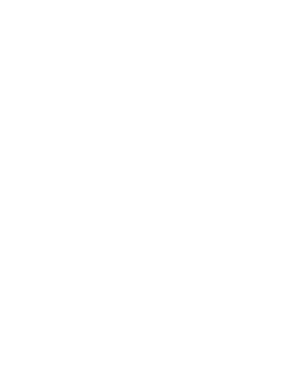






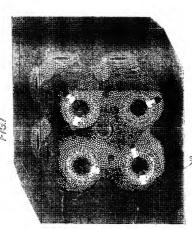












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FIG.2

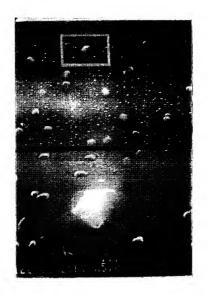
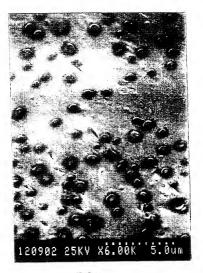
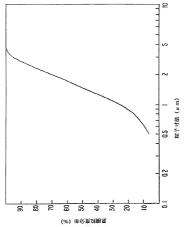


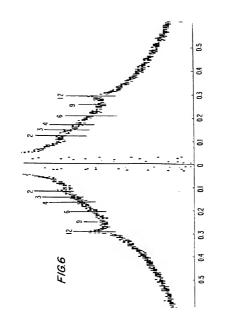
FIG.3

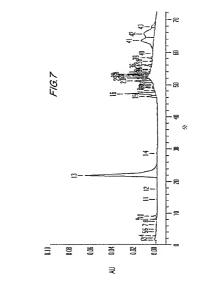


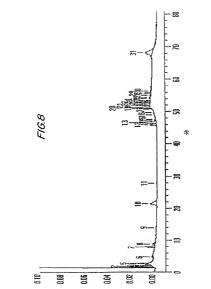
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INTERNATIONAL SEARCH REPORT In state of application No.

A CLA	PCT	7U398/18639
US CL	SSIFICATION OF SUBJECT MATTER -Please Soc Eura Sheet. -Please Soc Eura Sheet. to International Patent Classification (IPC) or to both national classification and I	Br.
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Minimum d	documentation searched (classification system followed by classification symbols)	
; 2.U	264/4.1, 4.3, 4.33, 4.7; 423/2.14, 2.21, 213.3, 213.34, 213.36; 428/ 492.2, 40	02.21, 402.22, 402.24
NONE.	tion scarcinol other than minimum documentation to the extent that such documents a	re included in the fields secrebed
Pleatronic o NONE	data beso consulted during the international search (same of data base and, where	practicable, search terms used)
C. BOC	CUMENTS CONSIDERED TO BE RELEVANT	
Category*	Citation of document, with indication, where appropriate, of the relevant pa	Relevant to claim No.
A	US 4,344,857 A (SHASHA et al) 17 August 1982, see document.	entire 1-57
۸ .	US 5,039,559 A (SANG et al) 13 August 1991, see entire doc	rument. 1-57
۸.	US 5,407,609 A (TICE et al) 18 April 1995, see entire doc	ument. 1-57
۸	US 5,543,158 A (GREF et al) 06 August 1996, see entire doc	nament. 1-57
A, P	US 5,679,377 A (BERNSTEIN et al) 21 October 1997, set document.	entire 1-57
A, P	US 5,785,976 A (WESTESEN et all) 28 July 1998, see document.	entire 1-57
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	her doesments are listed in the continuation of Box C. See patent famil	
	retail entegries of cited documents. The document publish terment defining the present state of the or which is not considered. In of partnership enteraces.	of other the extensional filing data or priority i with the application but ofted to understand underlying the arrestons
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INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER:

le ational application No. PCT/US98/18639

IP. (0)		
B 01 J 13/02, 13/14, 13/16, 13/18; B32 B 9/02, 19/06, 19/02, 27/06		
A. CLASSIFICATION OF SUBJECT MATTER: US CL :		
264/4.1, 4.3, 4.33, 4.7; 427/2.14, 2.21, 213.3, 213.34, 213.36; 428/402.2, 402.21, 402.22, 402.24		
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